

SEQUENCE LISTING

<110> FOGELMAN, ALAN M.
NAVAB, MOHAMAD M.

<120> G-TYPE PEPTIDES TO AMELIORATE ATHEROSCLEROSIS

<130> 407T-301110US

<140> US 10/520,207

<141> 2003-04-01

<150> PCT/US03/09988

<151> 2003-04-01

<150> US 10/120,508

<151> 2002-04-05

<160> 32

<170> PatentIn version 3.3

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<211> 22

<212> PRT

<213> Artificial

<220>

<223> Synthetic D peptide.

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Asn	Leu	Thr	Glu	Gly	Glu
			20		

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<223> Synthetic D peptide.

<400> 2

Leu	Leu	Glu	Gln	Leu	Asn	Glu	Gln	Phe	Asn	Trp	Val	Ser	Arg	Leu	Ala
1				5					10					15	

Asn	Leu
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<400> 3

Asn Glu Leu Gln Glu Met Ser Asn Gln Gly Ser Lys Tyr Val Asn Lys
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Glu Ile Gln Asn Ala Val Asn Gly Val
20 25

<210> 4
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<220>
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<400> 4

Ile Gln Asn Ala Val Asn Gly Val Lys Gln Ile Lys Thr Leu Ile Glu
1 5 10 15

Lys Thr Asn Glu Glu
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<400> 5

Arg Lys Thr Leu Leu Ser Asn Leu Glu Glu Ala Lys Lys Lys Lys Glu
1 5 10 15

Asp Ala Leu Asn Glu Thr Arg Glu Ser Glu Thr Lys Leu Lys Glu Leu
20 25 30

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<400> 6

Pro	Gly	Val	Cys	Asn	Glu	Thr	Met	Met	Ala	Leu	Trp	Glu	Glu	Cys	Lys
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Pro	Cys	Leu	Lys	Gln	Thr	Cys	Met	Lys	Phe	Tyr	Ala	Arg	Val	Cys	Arg
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<400> 8

Glu	Cys	Lys	Pro	Cys	Leu	Lys	Gln	Thr	Cys	Met	Lys	Phe	Tyr	Ala	Arg
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Val Cys Arg

<210> 9
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<400> 9

Leu Val Gly Arg Gln Leu Glu Glu Phe Leu
1 5 10

<210> 10
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<212> PRT
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<400> 10

Met Asn Gly Asp Arg Ile Asp Ser Leu Leu Glu Asn
1 5 10

<210> 11
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<220>
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<400> 11

Gln Gln Thr His Met Leu Asp Val Met Gln Asp
1 5 10

<210> 12
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<400> 12

Phe Ser Arg Ala Ser Ser Ile Ile Asp Glu Leu Phe Gln Asp
1 5 10

<210> 13
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<400> 13

Pro Phe Leu Glu Met Ile His Glu Ala Gln Gln Ala Met Asp Ile
 1 5 10 15

<210> 14
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<400> 14

Pro Thr Glu Phe Ile Arg Glu Gly Asp Asp Asp
 1 5 10

<210> 15
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<400> 15

Arg Met Lys Asp Gln Cys Asp Lys Cys Arg Glu Ile Leu Ser Val
 1 5 10 15

<210> 16
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<220>
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<400> 16

Pro Ser Gln Ala Lys Leu Arg Arg Glu Leu Asp Glu Ser Leu Gln Val
 1 5 10 15

Ala Glu Arg Leu Thr Arg Lys Tyr Asn Glu Leu Leu Lys Ser Tyr Gln
 20 25 30

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Leu Leu Glu Gln Leu Asn Glu Gln Phe Asn Trp Val Ser Arg Leu Ala
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Asn Leu Thr Gln Gly Glu
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<210> 18

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<223> Synthetic D peptide.

<400> 18

Asp Gln Tyr Tyr Leu Arg Val Thr Thr Val Ala
1 5 10

<210> 19

<211> 14

<212> PRT

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<220>

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<400> 19

Pro Ser Gly Val Thr Glu Val Val Val Lys Leu Phe Asp Ser
1 5 10

<210> 20

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<400> 20

Pro Lys Phe Met Glu Thr Val Ala Glu Lys Ala Leu Gln Glu Tyr Arg
1 5 10 15

Lys Lys His Arg Glu
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Trp	Asp	Arg	Val	Lys	Asp	Leu	Ala	Thr	Val	Tyr	Val	Asp	Val	Leu	Lys
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Asp	Ser	Gly	Arg	Asp	Tyr	Val	Ser	Gln	Phe
			20					25	

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<400> 22

Val	Ala	Thr	Val	Met	Trp	Asp	Tyr	Phe	Ser	Gln	Leu	Ser	Asn	Asn	Ala
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Lys	Glu	Ala	Val	Glu	His	Leu	Gln	Lys
			20					25

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<220>
<223> Synthetic D peptide.

<400> 23

Arg	Trp	Glu	Leu	Ala	Leu	Gly	Arg	Phe	Trp	Asp	Tyr	Leu	Arg	Trp	Val
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Gln	Thr	Leu	Ser	Glu	Gln	Val	Gln	Glu	Glu	Leu
				20				25		

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<220>
<223> Synthetic D peptide.

<400> 24

Leu Ser Ser Gln Val Thr Gln Glu Leu Arg Ala Leu Met Asp Glu Thr
1 5 10 15

Met Lys Glu Leu Lys Glu Leu Lys Ala Tyr Lys Ser Glu Leu Glu Glu
20 25 30

Gln Leu Thr
35

<210> 25
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<212> PRT
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<220>
<223> Synthetic D peptide.

<400> 25

Ala Arg Leu Ser Lys Glu Leu Gln Ala Ala Gln Ala Arg Leu Gly Ala
1 5 10 15

Asp Met Glu Asp Val Cys Gly Arg Leu Val
20 25

<210> 26
<211> 26
<212> PRT
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<220>
<223> Synthetic D peptide.

<400> 26

Val Arg Leu Ala Ser His Leu Arg Lys Leu Arg Lys Arg Leu Leu Arg
1 5 10 15

Asp Ala Asp Asp Leu Gln Lys Arg Leu Ala
20 25

<210> 27
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<212> PRT
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<220>
<223> Synthetic D peptide.

<400> 27

Pro	Leu	Val	Glu	Asp	Met	Gln	Arg	Gln	Trp	Ala	Gly	Leu	Val	Glu	Lys
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Val Gln Ala

<210> 28
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<220>
<223> Synthetic D peptide.

<400> 28

Met	Ser	Thr	Tyr	Thr	Gly	Ile	Phe	Thr	Asp	Gln	Val	Leu	Ser	Val	Leu
1				5					10					15	

Lys

<210> 29
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<220>
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<400> 29

Leu	Leu	Ser	Phe	Met	Gln	Gly	Tyr	Met	Lys	His	Ala	Thr	Lys	Thr	Ala
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Lys Asp Ala Leu Ser Ser
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<210> 30
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Gly Gly Gly Gly Ser Ser Ser
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<210> 31
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<220>
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<223> Amino terminus is acylated, carboxyl terminus is amidated

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Leu Leu Glu Gln Leu Asn Glu Gln Phe Asn Trp Val Ser Arg Leu Ala
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Asn Leu Thr Glu Gly Glu Pro Leu Leu Glu Gln Leu Asn Glu Gln Phe
20 25 30

Asn Trp Val Ser Arg Leu Ala Asn Leu Thr Glu Gly Glu
35 40 45

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<221> misc_feature
<223> Amino terminus is acylated, carboxyl terminus is amidated

<400> 32

Leu Leu Glu Gln Leu Asn Glu Gln Phe Asn Trp Val Ser Arg Leu Ala
1 5 10 15

Asn Leu Thr Glu Gly Glu Pro Asp Trp Phe Lys Ala Phe Tyr Asp Lys
20 25 30

Val Ala Glu Lys Phe Lys Glu Ala Phe
35 40